

ABSTRACT OF THE DISCLOSURE

A vehicle door includes an openable window and a detector with a charge-coupled device sensor. The sensor detects the light distribution proximate to a closing line of the window. If an obstruction is present, the light distribution received by the sensor varies. The light distribution received by sensor is compared with a reference distribution to detect if an obstruction is present. If an obstruction is detected, movement of the window is stopped, allowing any obstruction in the path of the window.